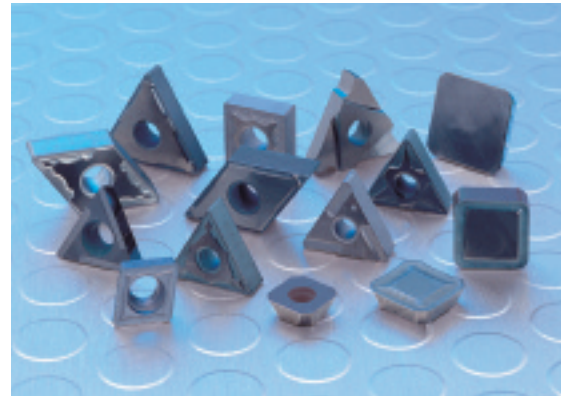






Comparing with Coated Carbide

1. Suitable for light cutting(finishing).
2. Better wear resistance and surface finish can be acquired at the same cutting condition.


Guide of Grade Selection
■ Turning

Work-piece	Cutting condition	1 st choice	cutting speed (sfm)	ISO	Application Range
Steel	Finishing			P01	
	Light to medium cutting	PT10S	650(500 - 825)	P10	
		PT20S	650(425 - 825)	P20	

■ Milling

Work-piece	Cutting condition	1 st choice	cutting speed (sfm)	ISO	Application Range
Steel	Finishing	PM20S	750(500 - 975)	P01	
				P10	
	Light to medium cutting	PM30S	650(500 - 825)	P20	

Grades & Chipbreakers

SOWA Cermet Grades

SOWA Grade	ISO	Special Features	Use
PT10S	P05 - P15	For turning of steel. * Hard cermet having superior wear resistance	Milling Turning
PM20S	P10 - P20	For milling and turning of steel. * General grade have optimal wear resistance and toughness at the same time.	Milling Turning
PT20S	P05 - P15	Comprehensive grade can cover from roughing to finishing of steel. * Special cermet developed with Functionally-Graded-Material technology.	Turning
PM30S	P20 - P30	Exclusive for steel milling	Milling